Attorney's Docket No. 704989-2001

Application No.: 10/576,728

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

1. (Original) A sheet product comprising a paper sheet having on its front a printable

coating comprising a pigment and a binder, and on its back isolated droplets of colour former

solution each confined within a pressure rupturable barrier, characterised in that the paper sheet

carrying said pigment/binder coating has a Bendtsen porosity in excess of 100ml/min prior to the

application of the droplets of colour former solution.

2. (Original) A sheet product according to claim 1, characterised in that the paper sheet

carrying said pigment/binder coating has a Bendtsen porosity in excess of 120ml/min prior to the

application of the droplets of colour former solution.

3. (Previously Presented) A sheet product according to claim 1, in which the

pigment/binder coating includes a synthetic reactive sizing agent or a coating structure agent or

both.

4. (Original) A sheet product according to claim 3, the sizing agent being an alkyl

ketene dimer, alkenyl succinic anhydride, or a polyurethane, and the coating structure agent

being a carboxy methyl cellulose, a protein, or an alginate.

5. (Previously Presented) A sheet product according claim 3, in which the size if

present is present in the pigment/binder coating in an amount of from 0.5-10 parts by weight, and

the coating structure agent if present is present in the pigment/binder layer in an amount of from

0.5 - 5 parts by weight.

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6. (Previously Presented) A sheet product according to claim 3, which contains carboxy methyl cellulose.

- 7. (Previously Presented) A sheet product according to claim 1, in which the pigment is selected from calcium carbonate, china clay (kaolin), calcined clays, titanium dioxide, finely divided silica, talc, and mixtures thereof.
- 8. (Original) A sheet product according to claim 7, in which the pigment is calcium carbonate.
- 9. (Previously Presented) A sheet product according to claim 1, in which the particle size of the pigment is in the range of from 1 to 10 microns.
- 10. (Previously Presented) A sheet product according to claim 1, in which the binder is a synthetic rubber latex, a styrene acrylic latex, or an ether derivative of starch.
- 11. (Previously Presented) A sheet product according to claim 1, in which the coat weight of the pigment/binder layer is in the range of from 2 to 10 g/m².
- 12. (Previously Presented) A carbonless copy paper set which includes at least a CB sheet and a CF sheet, in which the CB sheet is a sheet product as claimed in claim 1.
- 13. (Currently Amended) A method comprising applying print to a sheet product according to claim 1 using an electrophotographic printer. The use of a coating comprising a pigment and a binder and having characteristics such that when used in a sheet product as a

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coating on the front of a paper sheet having on its back isolated droplets of colour former solution each confined within a pressure rupturable barrier, the paper sheet product carrying said pigment/binder coating has a Bendtsen porosity in excess of 100ml/min prior to the application of the droplets of colour former solution; said use being to reduce curl following printing of the sheet product using an electrophotographic printer.

14. (Currently Amended) The use method according to claim 13, in which wherein the pigment/binder coating of the sheet product has a Bendtsen porosity in excess of 120ml/min prior to the application of the droplets of colour former solution. has the characteristics of any one of claims 1 to 11.